

Notice of Allowability	Application No.	Applicant(s)	
	09/902,796	SHOTTON ET AL.	
	Examiner	Art Unit	
	CamLinh Nguyen	2161	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Interview on 8/23/06.
2. ☒ The allowed claim(s) is/are 1-10 and 12-29.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>8/23/06</u>. 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____. |
|---|---|

DETAILED ACTION

1. This Office Action is response to Pre-Brief conference request filed on 8/7/06.
2. Claims 1 – 10, 12 – 29 are currently pending.
3. Claims 1 – 10, 12 – 13, 24, 27, 14 – 21, 25, 22 – 23, 26, 28 – 29 are renumbered as 1 – 28 respectively.

EXAMINER'S AMENDMENT

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Jeffrey Scott Leaning on 8/23/2006.

The application has been amended as follows:

◆ Replace claim 1 as follow:

1. (Currently Amended) Apparatus comprising:
retrieval means for retrieving a first set of data from a first predetermined data source, said first set of data including a second set of data;
analyzing means for analyzing semantics, syntax, or position of said second set of data within said first set of data, said analyzing means comprising:
first identifying means for identifying a first candidate for selection as said second set of data using a first method;
second identifying means for identifying a second candidate for selection as said second set of data using a second method different from said first method;

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third identifying means for identifying a third candidate for selection as said second set of data using a third method different from said second method and said first method; and
selecting means, responsive to said first, second, and third identifying means, for selecting one of said first, second, and third candidates as said second set of data; and
means for building an agent, said agent comprising instructions based on said analysis of said semantics, syntax, or position of said second set of data, wherein said instructions are to be used by said agent to subsequently retrieve a third set of data from said first predetermined data source and select a fourth set of data included in said third set of data.

◆ **Cancel claim 11**

◆ **Claim 12 line 1: change from -- Apparatus as claimed in claim 11 --**

to -- Apparatus as claimed in claim 1 --

◆ **Replace claim 14 as follow:**

14. (Currently Amended) Apparatus comprising:

retrieval means for retrieving a first set of data from a first predetermined data source and a second set of data from a second predetermined data source, said first set of data and said second set of data each being in any one of several possible formats;

analyzing means for analyzing said first set of data to select, using a first identifying strategy, a second identifying strategy, and a third identifying strategy, a first subset of data included in said first set of data based on a prior analysis of semantics, syntax, or position of said first subset of data included in a previous version of said first set of data, and for analyzing said second set of data to select, using the first identifying strategy, the second identifying strategy, and the third identifying strategy, a second subset of data included in said second set of data based on a prior analysis of semantics, syntax, or position of said second subset of data in a previous version of said second set of data; and

means for displaying said first subset of data and said second subset of data on a display device, said means for displaying including means for reformatting said first subset of data and said second subset of data if necessary for display on said display device.

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♦ **Replace claim 22 as follow:**

22. (Currently Amended) A method comprising the steps of:

retrieving a first set of data from a predetermined data source, said first set of data including a second set of data;

analyzing semantics, syntax, or position of said second set of data within said first set of data; and

building an agent, said agent comprising instructions based on said step of analyzing semantics, syntax, or position of said second set of data, wherein said instructions are to be used to subsequently retrieve a third set of data from said first predetermined data source and select a fourth set of data included in said third set of data; and

assigning a first weighting factor to a first strategy for retrieving said third set of data; assigning a second weighting factor to a second strategy for retrieving said third set of data;

assigning a third weighting factor to a third strategy for retrieving said third set of data; determining a first candidate for said third set of data using said first strategy, a second candidate using said second strategy, and a third candidate for said third set of data using said third strategy; and

selecting one of said first, second, and third candidates as a result third set of data based on said first, second, and third weighting factors.

♦ **Replace claim 23 as follow:**

23. (Currently Amended) The method of claim 22, further comprising the step of:

adjusting said first weighting factor based on whether said first candidate matches said result third set of data, said second weighting factor based on whether said second candidate matches said result third set of data, and said third weighting factor based on whether said third candidate matches said result third set of data.

Allowable Subject Matter

5. Claims 1 – 10, 12 – 29 are allowed.

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6. The following is an examiner's statement of reasons for allowance: in independent claims 1, 14, an apparatus for retrieval and display of data comprising the steps of:

“first identifying means for identifying a first candidate for selection as said second set of data using a first method;

second identifying means for identifying a second candidate for selection as said second set of data using a second method different from said first method;

third identifying means for identifying a third candidate for selection as said second set of data using a third method different from said second method and said first method; and

selecting means, responsive to said first, second, and third identifying means, for selecting one of said first, second, and third candidates as said second set of data”

taken in conjunction with the other claim limitations, and in claim 22 including the step of:

“assigning a first weighting factor to a first strategy for retrieving said third set of data; assigning a second weighting factor to a second strategy for retrieving said third set of data;

assigning a third weighting factor to a third strategy for retrieving said third set of data; determining a first candidate for said third set of data using said first strategy, a second candidate using said second strategy, and a third candidate for said third set of data using said third strategy; and

selecting one of said first, second, and third candidates as a result third set of data based on said first, second, and third weighting factors”

taken with the other limitations of the claim, were not disclosed by, would not have been obvious over, nor otherwise fairly disclosed by the prior art of record.

7. The dependent claims, being further limiting, definite and fully enabled by the Specification, are also allowed.

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to CamLinh Nguyen whose telephone number is (571) 272 - 4024. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey Gaffin can be reached on (571) 272 - 4146. The fax phone number for the organization where this application or proceeding is assigned is 571 - 273 - 8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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